

{tag} {/tag} International Journal of Computer Applications  
Foundation of Computer Science (FCS), NY, USA

[Volume 144](#)

[Number 12](#)

Year of Publication: 2016

Authors:

Sujogya Mishra, Shakthi Prasad Mohanty, Sateesh Kumar Pradhan

10.5120/ijca2016910491  
{bibtex}2016910491.bib{/bibtex}

## Abstract

In this paper, I am finding the cause of decline of E-Business in our state by using Rough set theory.

## References

1. S.K. Pal, A. Skowron, Rough Fuzzy Hybridization: A new trend in decision making, Berlin, Springer-Verlag, 1999
2. Z. Pawlak, “Rough sets”, International Journal of Computer and Computer and Information Sciences, Vol. 11, 1982, pp.341–356
3. Z. Pawlak, Rough Sets: Theoretical Aspects of Reasoning about Data, System Theory, Knowledge Engineering and problem Solving, Vol. 9, The Netherlands, Kluwer - Academic Publishers, Dordrecht, 1991
4. Han, Jiawei, Kamber, Micheline, Data Mining: Concepts and Techniques. San Francisco

CA, USA, Morgan Kaufmann Publishers, 2001

5. Ramakrishnan, Naren and Grama, Y. Ananth, "Data Mining: From Serendipity to Science", IEEE Computer, 1999, pp. 34-37.
6. Williams, J. Graham, Simoff, J. Simeon, DataMining Theory, Methodology, Techniques, and Applications (Lecture Notes in Computer Science/ LectureNotes in Artificial Intelligence), Springer, 2006.
7. D.J. Hand, H. Mannila, P. Smyth, Principles ofData Mining. Cambridge, MA: MIT Press, 2001
8. D.J. Hand, G.Blunt, M.G. Kelly, N.M.Adams, "Data mining for fun and profit", Statistical Science, Vol.15, 2000, pp.111-131.
9. C. Glymour, D. Madigan, D. Pregibon, P.Smyth, "Statistical inference and data mining", Communications of the ACM, Vol. 39, No.11,1996, pp.35-41.
10. T.Hastie, R.Tibshirani, J.H. Friedman, Elements of statistical learning: data mining, inference and prediction, New York: Springer Verlag, 2001
11. H.Lee, H. Ong, "Visualization support for data Mining", IEEE Expert, Vol. 11, No. 5, 1996, pp. 69-75.
12. H. Lu, R. Setiono, H. Liu,"Effective data Mining using neural networks", IEEE Transactions on Knowledge and Data Engineering, Vol. 8, No. 6, 1996, pp. 957-961.
13. E.I Altman, "Financial ratios, discriminants analysis and prediction of corporate bankruptcy", The journal offinance, Vol. 23 , 1968, pp.589-609
14. E.I.Altman, R.Avery, R.Eisenbeis, J. Stnkey, "Application of classification techniques in business, banking and finance. Contemporary studies in Economicand Financial Analysis", vol.3, Greenwich, JAI Press,1981.
15. E.I Altman, "The success of business failureprediction models: An international surveys", Journal of Banking and Finance Vol. 8, no.2, 1984, pp.171-198
16. E.I Altman, G. Marco, F. Varetto, "Corporate distressdiagnosis: Comparison using discriminant analysis andneural networks", Journal of Banking and Finance, Vol. 18, 1994, pp. 505-529
17. W.H Beaver, "Financial ratios as predictors of failure. Empirical Research in accounting : Selected studies", Journal of Accounting Research Supplement to Vol4, 1966, pp.71-111
18. J.K Courtis, "Modelling a financial ratios categoric frame Work", Journal of Business Finance and Accounting, Vol. 5, No.4, 1978, pp71-111
19. H.Frydman, E.I Altman ,D-IKao, "Introducing recursivepartitioning for financial classification: the case offinancial distress", The Journal of Finance, Vol.40, No. 1, 1985, pp. 269-291.
20. Y.P.Gupta, R.P.Rao, P.K. , Linear Goal programming asan alternative to multivariate discriminant analysis a note journal of business fiancé and accounting Vol.17, No.4, 1990, pp. 593-598
21. M. Louma, E, K. Laitinen, "Survival analysis as a tool for company failure prediction". Omega, Vol.19, No.6, 1991, pp. 673-678
22. W.F. Messier, J.V. Hanseen, "Including rules for expert system development: an example using default and bankruptcy data", Management Science, Vol. 34, No.12, 1988, pp.1403-1415
23. E.M. Vermeulen, J. Spronk, N. Van der Wijst., The application of Multifactor Model in the analysis of corporate failure. In: Zopounidis,C.(Ed), Operationalcorporate Tools in the Management of financial Risks, Kluwer Academic Publishers, Dordrecht, 1998, pp. 59-73

24. C. Zopounidis, A.I. Dimitras, L. Le Rudulier, A multicriteria approach for the analysis and prediction of business failure in Greece. Cahier du LAMSADe, No. 132, Universite de Paris Dauphine, 1995.
25. C. Zopounidis, N.F. Matsatsinis, M. Doumpos, "Developing a multicriteria knowledge-based decision support system for the assessment of corporate performance and viability: The FINEVA system," Fuzzy Economic Review, Vol. 1, No. 2, 1996, pp. 35-53.
26. C. Zopounidis, M. Doumpos, N.F. Matsatsinis, "Application of the FINEVA multicriteria knowledge-decision support systems to the assessment of corporate failure risk", Foundations of Computing and Decision Sciences, Vol. 21, No. 4, 1996, pp. 233-251
27. RenuVashist Prof M.L Garg Rule Generation based on Reduct and Core :A rough set approach InternationalJournal of Computer Application(0975-887) Vol29

### **Index Terms**

Computer Science

Applied Mathematics

### **Keywords**

Set Theory, Data Analysis, Granular computing, Data mining